

Water Security Agency 400-111 Fairford St. E. S6H 7X9			
Land Location:	NW-27-07-25-W3	NTS Map:	72F11
UTM Coordinates:		RM No.:	111
Ground Elevation:	3602	Source:	
Date Sampled:	11-May-21	Time Sampled:	
Sample Location:	Observation Well	Sampled by:	
Remark Sample Location:			
Well name:	Davis 2		
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Contractor:	Cross Borders Consulting	Date Drilled:	2020
Well Depth:	24.38	Pump Setting:	
Depth to Water:		Pumping Rate:	
Well Diameter:		Construction method:	
SRC acquisition #:		Formation:	Eastend/Bearpaw
WWRD #	233913	Aquifer name:	
Laboratory:	RRPL	SRC Group:	
Analysis No.:			
Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	29	Aluminum (Al)	1.2710
Magnesium (Mg)	15	Antimony (Sb)	0.0009
Sodium (Na)	30	As (arsenic) (µg/L)	
Potassium (K)	2	Barium (Ba)	0.05
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	210	Boron (B)	0.0001
Sulphate (SO4)	16.1	Cadmium (Cd)	<0.00015
Chloride (Cl)	0.7	Chromium (Cr)	0.0026
Fluoride (F)	0.46	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	<0.00829
Total Iron (Fe)	5	Lead (Pb)	0.0072
Manganese (Mn)	0.14	Molybdenum (Mo)	
pH (pH units)	8	Nickel (Ni)	
Conductivity (uS/cm)	343	Selenium (Se)	<0.00113
Sum of Ions	303	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	134	Tin (Sn)	
Total Alkalinity (as CaCO3)	172	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	0.0128
Iodine (I)			

All values in mg/L, unless indicated otherwise

NIL means not detectable

ND means not determined